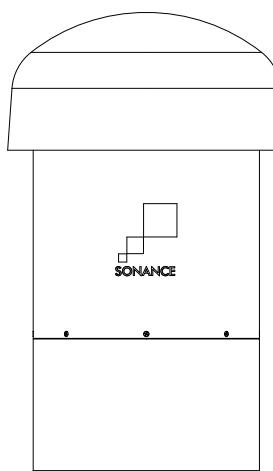


**SONANCE**

ESTABLISHED 1983

**SONANCE GARDEN SERIES  
IN-GROUND SUBWOOFER  
INSTRUCTION MANUAL**

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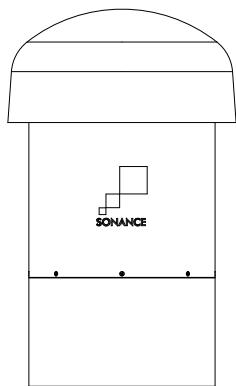


## Introduction

Thank you for purchasing a Sonance Garden Series Subwoofer. When properly installed, this subwoofer will provide you with years of outdoor entertainment pleasure. To get the most out of your new subwoofer, please read this manual thoroughly before you begin installation.

## Box Contents

- (1) In-Ground Subwoofer
- (2) Silicone filled wire nuts



In-Ground Subwoofer

## Subwoofer Placement

### NOTE: SUBWOOFERS ARE VERY HEAVY, ALWAYS TEAM LIFT.

The Sonance Garden Series system is designed to deliver a seamless, evenly dispersed sound field in an 'open air' environment. An array of multiple Satellite speakers and Subwoofers should be strategically placed to minimize 'hot spots' and 'nulls' as you move around the outdoor entertainment area.

Select a central location for the subwoofer if using only one (see Figure 1). If using two subwoofers, select locations that are the same distance from the main listening area.

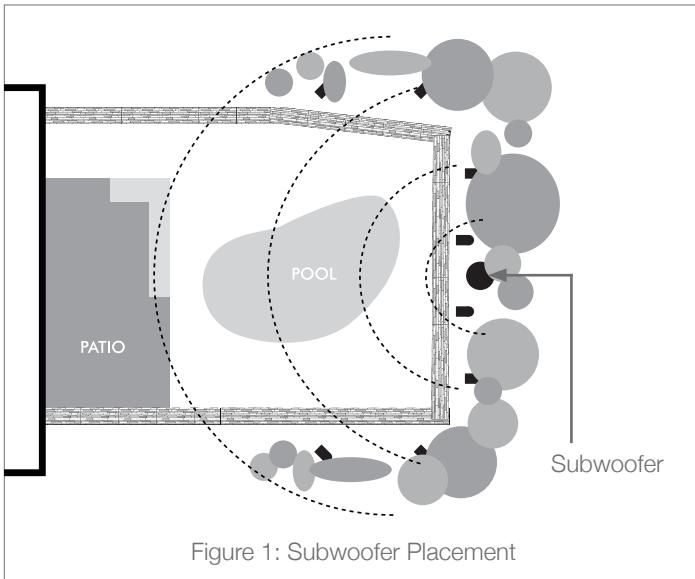


Figure 1: Subwoofer Placement

## Subwoofer Installation

Sonance Garden Series systems allow for speakers to be daisy chained together. In a typical system with one zone of audio, run a stereo or 4 conductor speaker wire from the amplifier to the closest speaker. Designate the first speaker as either left or right and connect the appropriate positive and negative wires to the speaker terminals. Continue alternating the wires between the left and right channels for each speaker, creating a daisy chain of stereo satellites. The Subwoofer can be wired anywhere in the chain and will receive both left and right speaker wires (see Figure 4).

**NOTE: SONANCE STRONGLY RECOMMENDS THE USE OF 14/4 DIRECT BURIAL WIRE FOR DISTANCES UP TO 200 FEET AND 12/4 DIRECT BURIAL FOR LONGER RUNS. KEEP WIRES AS SHORT AS POSSIBLE TO MINIMIZE RESISTIVE WIRE LOSSES.**

**CAUTION: THE AMPLIFIER SHOULD NOT BE CONNECTED TO AC POWER UNTIL ALL SPEAKER WIRE CONNECTIONS ARE COMPLETED.**

1. Locate the subwoofer in an area that will not flood with standing water.
2. Dig the hole using the following guide (see Figure 2).  
SGS SUB: A=4", B=15", C=15"

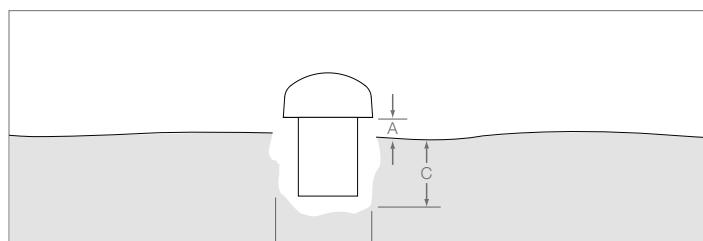
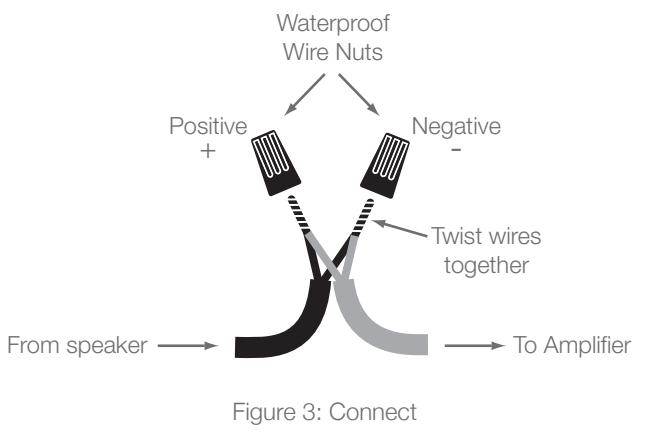


Figure 2

3. Prepare a 'bed' for the subwoofer that is reasonably free of voids and large rocks.

**NOTE: THE SUBWOOFER IS VERY HEAVY, ALWAYS TEAM LIFT. DO NOT HOLD BY SPEAKER WIRE OR PLASTIC STRAIN RELIEF.**

4. Place the subwoofer into the ground.
5. Fine tune the enclosure depth as required so that the bottom of the canopy will be 4" above the finished grade after backfill.
6. Dig a 4"-5" deep trench to run the speaker wires in.
7. Run the wire through the trench from your amplifier to the first speaker location.
8. Connect the direct burial wire to each speaker wire, connections should be made with either silicone filled wire connectors or appropriate junction boxes (see Figure 3).

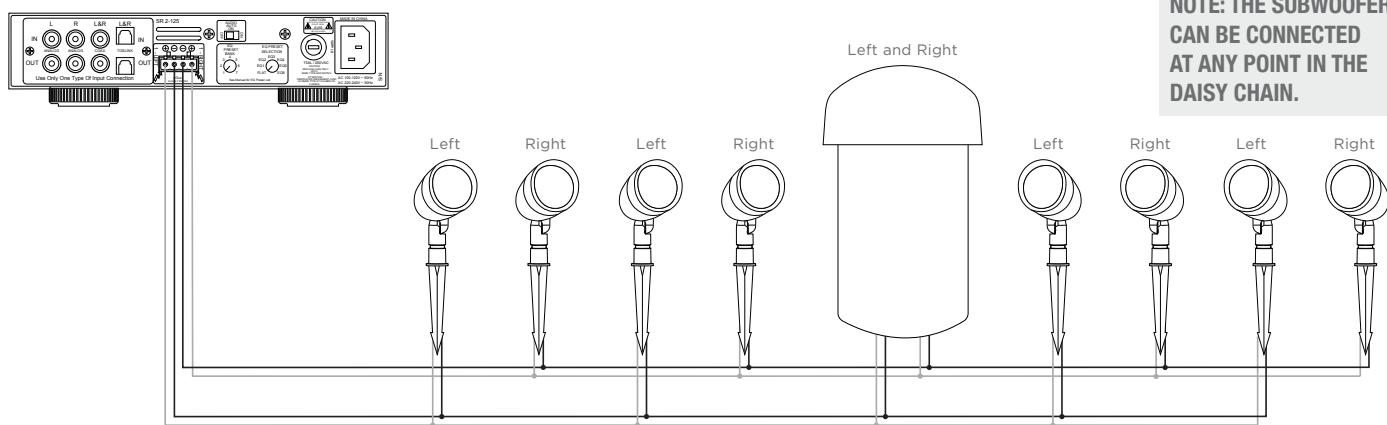


**IMPORTANT: BE SURE NOT TO LET ANY STRAY '+' & '-' STRANDS TOUCH EACH OTHER. TOUCHING STRANDS CAN CAUSE A SHORT-CIRCUIT THAT COULD DAMAGE YOUR AMPLIFIER AND DEGRADE SOUND QUALITY.**

9. After all the speaker connections are completed, connect the wires to your amplifier.

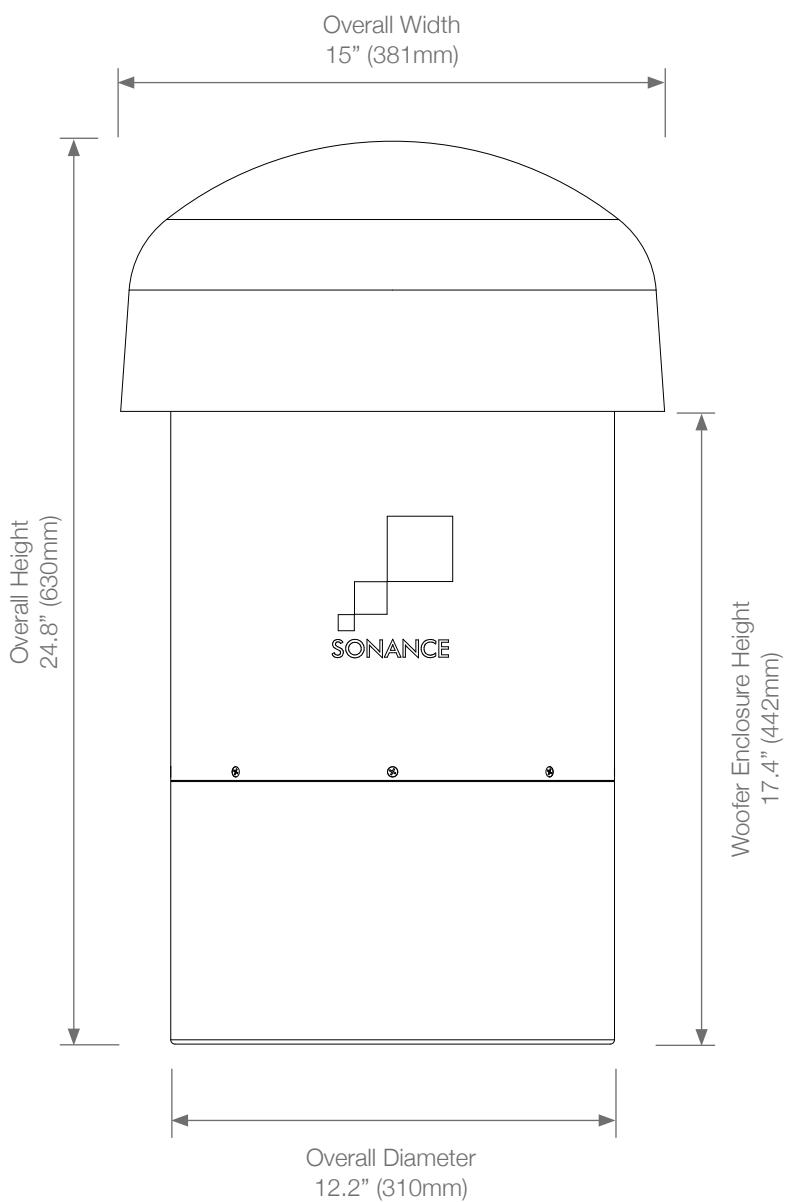
10. Turn your amplifier on and test the system with your favorite music. If the speakers are operating properly, refill the wire trench and enjoy your new speakers.

**NOTE: THE SUBWOOFER CAN BE CONNECTED AT ANY POINT IN THE DAISY CHAIN.**



## Specifications

<b>Model:</b>	SGS SUB
<b>Woofer:</b>	10" (254 mm) dual voice coil polypropylene cone with a Santoprene rubber surround
<b>Frequency Response:</b>	35Hz – 100Hz ±3dB
<b>Enclosure Material:</b>	High Density Polyethylene (HDPE) non-corrosive sealed enclosure
<b>Overall Dimensions:</b> (W x H)	15" W x 24.8" H (381mm x 630mm)
<b>Woofer Enclosure:</b> (H x Diameter)	17.40" x 12.20" (442mm x 310mm)
<b>Shipping Weight:</b>	40 lbs (19kg)



## LIMITED THREE (3) YEAR WARRANTY

Sonance warrants to the first end-user purchaser that this Sonance-brand product ("Product"), when purchased from an authorized Sonance Dealer/Distributor, will be free from defective workmanship and materials for the period stated below. Sonance will at its option and expense during the warranty period, either repair the defect or replace the Product with a new or remanufactured Product or a reasonable equivalent.

## EXCLUSIONS

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No one is authorized to make or modify any warranties on behalf of Sonance. The warranty stated above is the sole and exclusive remedy and Sonance's performance shall constitute full and final satisfaction of all obligations, liabilities and claims with respect to the Product.

**IN ANY EVENT, SONANCE SHALL NOT BE LIABLE FOR CONSEQUENTIAL, INCIDENTAL, ECONOMIC, PROPERTY, BODILY INJURY, OR PERSONAL INJURY DAMAGES ARISING FROM THE PRODUCT, ANY BREACH OF THIS WARRANTY OR OTHERWISE.**

This warranty statement gives you specific legal rights, and you may have other rights which vary from state to state. Some states do not allow the exclusion of implied warranties or limitations of remedies, so the above exclusions and limitations may not apply. If your state does not allow disclaimer of implied warranties, the duration of such implied warranties is limited to period of Sonance's express warranty.

Your Product Model and Description: SGS SUB In-Ground Subwoofer

Warranty Period for this Product: Three (3) years from the date on the original sales receipt or invoice or other satisfactory proof of purchase.

Additional Limitations and Exclusions from Warranty Coverage: The warranty described above is non-transferable, applies only to the initial installation of the Product, does not include installation of any repaired or replaced Product, does not include damage to allied or associated equipment which may result for any reason from use with this Product, and does not include labor or parts caused by accident, disaster, negligence, improper installation, misuse (e.g. overdriving the amplifier or speaker, excessive heat, cold or humidity), or from service or repair which has not been authorized by Sonance. Obtaining Authorized Service: To qualify for the warranty, you must contact your authorized Sonance Dealer/Installer or call Sonance Customer Service/Technical Support at (949) 492-7777 within the warranty period, must obtain a return merchandise number (RMA), and must deliver the Product to Sonance shipping prepaid during the warranty period, together with the original sales receipt, or invoice or other satisfactory proof of purchase.



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